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FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 205.00)

| Complete if Known | |
|----------------------|------------------|
| Application Number | 09/993322 |
| Filing Date | November 6, 2001 |
| First Named Inventor | Derry Roopenian |
| Examiner Name | Li, Qian J. |
| Art Unit | 1632 |
| Attorney Docket No. | JMY-P01-002 |

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1600 2900

METHOD OF PAYMENT (check all that apply)

Check Credit Card Money Order Other None
 Deposit Account

Deposit Account Number 18-1945

Deposit Account Name Ropes & Gray LLP

The Director is hereby authorized to: (check all that apply)

- Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|----------|----------|----------|----------|------------------------|----------|
| 1001 | 750 | 2001 | 375 | Utility filing fee | |
| 1002 | 330 | 2002 | 165 | Design filing fee | |
| 1003 | 520 | 2003 | 260 | Plant filing fee | |
| 1004 | 750 | 2004 | 375 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |

SUBTOTAL (1) (\$ 0.00)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | | Extra Fee from Claims below | Fee Paid |
|--------------------|--|---|------------------------|
| Total Claims | | ** = <input type="text"/> x <input type="text"/> = <input type="text"/> | |
| Independent Claims | | ** = <input type="text"/> x <input type="text"/> = <input type="text"/> | |
| Multiple Dependent | | | = <input type="text"/> |

Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description |
|----------|----------|----------|----------|--|
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 |
| 1201 | 84 | 2201 | 42 | Independent claims in excess of 3 |
| 1203 | 280 | 2203 | 140 | Multiple dependent claim, if not paid |
| 1204 | 84 | 2204 | 42 | ** Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ 0.00)

** or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Description | Fee Paid |
|--------------|--------------|--|----------|
| 1051 | 130 | 2051 65 Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 25 Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 130 Non-English specification | |
| 1812 | 2,520 | 1812 2,520 For filing a request for ex parte reexamination | |
| 1804 | 920* | 1804 920* Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 1,840* Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 1251 55 Extension for reply within first month | 205 00 |
| 1252 | 410 | 1252 205 Extension for reply within second month | |
| 1253 | 930 | 1253 465 Extension for reply within third month | |
| 1254 | 1,450 | 1254 725 Extension for reply within fourth month | |
| 1255 | 1,970 | 1255 985 Extension for reply within fifth month | |
| 1401 | 320 | 1401 160 Notice of Appeal | |
| 1402 | 320 | 1402 160 Filing a brief in support of an appeal | |
| 1403 | 280 | 1403 140 Request for oral hearing | |
| 1451 | 1,510 | 1451 1,510 Petition to institute a public use proceeding | |
| 1452 | 110 | 1452 55 Petition to revive - unavoidable | |
| 1453 | 1,300 | 1453 650 Petition to revive - unintentional | |
| 1501 | 1,300 | 1501 650 Utility issue fee (or reissue) | |
| 1502 | 470 | 1502 235 Design issue fee | |
| 1503 | 630 | 1503 315 Plant issue fee | |
| 1460 | 130 | 1460 130 Petitions to the Commissioner | |
| 1807 | 50 | 1807 50 Processing fee under 37 CFR 1.17(q) | |
| 1806 | 180 | 1806 180 Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 40 Recording each patent assignment per property (times number of properties) | |
| 1809 | 750 | 1809 375 Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 | 750 | 1810 375 For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 | 750 | 1801 375 Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 900 Request for expedited examination of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 205.00)

Complete (if applicable)

| | | | | | |
|-------------------|------------------|----------------------------------|--------|-----------|--------------------|
| Name (Print/Type) | Weishi Li, Ph.D. | Registration No (Attorney/Agent) | 53,217 | Telephone | (617) 951-7404 |
| Signature | | | | Date | September 15, 2003 |

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: September 15, 2003 Signature: (Mary Jane DiPalma)